

Amendments to the Claims

This listing of claims will replace all prior versions, and listing, of claims in the application.

Listing of Claims:

1-46. (Canceled)

47. (Currently amended) An image capture device, comprising:

a plurality of beam emitters, each operable to emit a corresponding beam of light along a respective beam path;

at least one beam scanner aligned to receive the plurality of beams and operable to scan the beams ~~across~~ in respective two-dimensional patterns arranged in abutting and substantially non-overlapping respective regions of a field of view, wherein each region comprises a plurality of immediately adjacent and substantially parallel scan lines;

at least one photodetector aligned to receive at least a portion of light from the plurality of beams reflected by an object in the field of view and operable to output an electrical signal corresponding to the detected light; and

a decoder coupled to receive the electrical signal from the photodetector and operable to decode an image of the field of view.

48. (Previously presented) The image capture device of claim 47, wherein the plurality of beam emitters include laser diodes.

49. (Previously presented) The image capture device of claim 47, wherein the plurality of beam emitters is operable to emit a unique wavelength of light; and

Wherein the at least one photodetector includes a plurality of photodetectors aligned to receive at least a portion of light from the plurality of beams reflected by an object in the field of view, each photodetector being tuned to receive a

subset of the unique wavelengths of light, and operable to output an electrical signal corresponding to the detected light; and

Wherein the decoder is coupled to receive each of the electrical signals.

50. (Previously presented) The image capture device of claim 47, wherein each of the plurality of beam emitters is operable to emit a beam of light sequentially.

51. (Previously presented) The image capture device of claim 47, wherein decoding the image of the field of view includes producing a bitmap corresponding to the field of view.

52. (Previously presented) The image capture device of claim 47, wherein decoding the image of the field of view includes decoding a bar code symbol within the field of view.

53. (Currently amended) A bar code scanner, comprising:
at least two beam scanners operable to sweep respective beams in two-dimensional scan patterns across respective substantially non-overlapping regions of a field of view, wherein each region comprises a plurality of immediately adjacent scan lines;

a photodetector aligned to receive light from the field of view and operable to output an electrical signal corresponding to the received light; and

a decoder coupled to receive the electrical signal from the photodetector and operable to decode bar code symbols within the field of view.

54. (Previously presented) The bar code scanner of claim 53, wherein the at least two beam scanners share a common scan mirror.

55. (New) The image capture device of claim 47, wherein the respective two-dimensional patterns include a fast scan axis and a slow scan axis.

56. (New) The image capture device of claim 55, wherein the respective two-dimensional patterns are arranged such that each region extends along a dimension corresponding to the fast scan axis and abuts at least one region adjacent in a dimension corresponding to the slow scan axis.

57. (New) The bar code scanner of claim 53, wherein the two-dimensional scan patterns include a fast scan axis and a slow scan axis.

58. (New) The bar code scanner of claim 57, wherein the two-dimensional scan patterns are arranged such that each region extends along a dimension corresponding to the fast scan axis and abuts at least one region adjacent in a dimension corresponding to the slow scan axis